



IFW

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

OHNISHI et al.

Atty. Ref.: 4496-11

Serial No. 10/553,325

TC/A.U.: 2616

Filed: March 13, 2006

Examiner: Unknown

For: PEDESTRIAN NAVIGATION DEVICE, PEDESTRIAN  
NAVIGATION SYSTEM, PEDESTRIAN NAVIGATION  
METHOD AND PROGRAM

\* \* \* \* \*

November 2, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Office of Initial Patent Examinations  
Filing Receipt Corrections**

Sir:

**REQUEST FOR CORRECTION OF FILING RECEIPT AND INFORMATION ON  
PUBLISHED APPLICATION 2006-0190168-A1**

Enclosed is a copy of the Filing Receipt and first page of the published for the above-identified application which incorrectly states the second priority number as 2003-35856. It should read 2003-355856. The correction is shown in red on the attached copy of the filing receipt and first page of the published application. Also attached is an Application Data Sheet with the correct information. Please note your records accordingly. Correction of same is respectfully requested.

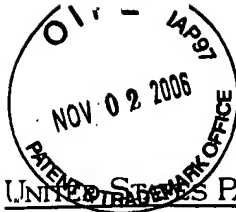
Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By: \_\_\_\_\_

Arthur R. Crawford  
Reg. No. 25,327

ARC:eaw  
901 North Glebe Road, 11th Floor  
Arlington, VA 22203-1808  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/553,325	03/13/2006	2616	1090	4496-11 ARC	6	27	7

CONFIRMATION NO. 8999

23117  
 NIXON & VANDERHYE, PC  
 901 NORTH GLEBE ROAD, 11TH FLOOR  
 ARLINGTON, VA 22203

## FILING RECEIPT



\*OC000000018821397\*

Date Mailed: 05/18/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Keisuke Ohnishi, Tokyo, JAPAN;  
 Takayuki Matsunaga, Tokyo, JAPAN;  
 Yusuke Suzuki, Tokyo, JAPAN;  
 Shin Kikuchi, Tokyo, JAPAN;

**Power of Attorney:** The patent practitioners associated with Customer Number 23117.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/05367 04/15/2004

## Foreign Applications

## Acceptable Request to Retrieve Priority Application Received?

JAPAN 2003-112470 04/17/2003  
 JAPAN 2003-~~35856~~ 10/16/2003

NO  
 NO

355856

If Required, Foreign Filing License Granted: 05/16/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/553,325**

Projected Publication Date: 08/24/2006

Non-Publication Request: No



US 20060190168A1

(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2006/0190168 A1**  
(43) **Pub. Date: Aug. 24, 2006**  
**Ohnishi et al.**(54) **PEDESTRIAN NAVIGATION DEVICE,  
PEDESTRIAN NAVIGATION SYSTEM,  
PEDESTRIAN NAVIGATION METHOD AND  
PROGRAM****Publication Classification**(51) **Int. Cl.**  
**G01C 21/34** (2006.01)  
(52) **U.S. Cl.** ..... 701/211; 701/213; 340/944(76) **Inventors:** Keisuke Ohnishi, Tokyo (JP);  
Takayuki Matsunaga, Tokyo (JP);  
Yusuke Suzuki, Tokyo (JP); Shin  
Kikuchi, Tokyo (JP)(57) **ABSTRACT**

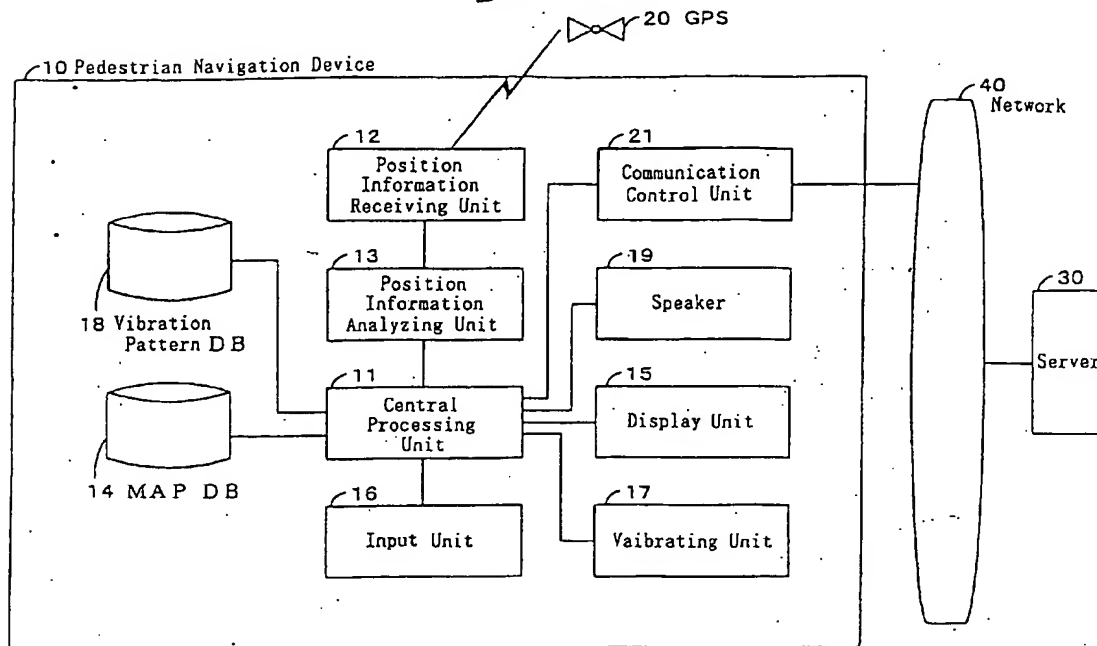
Correspondence Address:  
**NIXON & VANDERHYE, PC**  
901 NORTH GLEBE ROAD, 11TH FLOOR  
ARLINGTON, VA 22203 (US)

The present invention comprises a pedestrian navigation system for providing distance information and travel directions to a destination, comprising a pedestrian navigation device 10 for navigating a pedestrian's route by means of a vibration, a server 30 for offering navigation information to the pedestrian navigation device 10, a network 40 for connecting the pedestrian navigation device 10 with the server 30 to permit communication between each other, and a GPS 20 for offering position information to the pedestrian navigation device 10. Further, the pedestrian navigation device 10 can be constructed to comprise a speaker 19 for outputting a guide voice based on the user's present position information, so as to start a voice guide after generating vibration, thereby facilitating verification of the guidance information provided.

(21) **Appl. No.:** 10/553,325(22) **PCT Filed:** Apr. 15, 2004(86) **PCT No.:** PCT/JP04/05367(30) **Foreign Application Priority Data**

Apr. 17, 2003 (JP) ..... 2003-112470  
Oct. 16, 2003 (JP) ..... 2003-35856

355856





## **Application Data Sheet**

### **Application Information**

Application number::	10/553,325
Filing Date::	October 17, 2005
Application Type::	Regular
CD-ROM or CD-R?::	None
Number of CD Disks::	
Number of copies of CDs::	
Sequence submission?::	
Computer Readable Form (CRF)?::	
Number of copies of CRF::	
Title::	PEDESTRIAN NAVIGATION DEVICE, PEDESTRIAN NAVIGATION SYSTEM, PEDESTRIAN NAVIGATION METHOD AND PROGRAM
Attorney Docket Number::	4496-11
Request for Early Publication?::	No
Request for Non-Publication?::	No
Suggested Drawing Figure::	1
Total Drawing Sheets::	6
Small Entity?::	Yes
Petition included?::	No
Petition Type::	
Licensed US Govt. Agency::	No
Contract or Grant Numbers::	

### **Applicant Information**

Applicant Authority Type::	Inventor
Primary Citizenship Country::	Japanese

Status::	Full Capacity
Given Name::	Keisuke
Middle Name::	
Family Name::	Ohnishi
Name Suffix::	
City of Residence::	Tokyo
State or Province of Residence::	
Country of Residence::	Japan
Street of mailing address::	NAVITIME JAPAN CO., LTD, 4, Kanda Jinbocho 2- chome, Chiyoda-ku
City of mailing address::	Tokyo
State or Province of mailing address::	
Country of mailing address::	Japan
Postal or Zip Code of mailing address::	101-0051
Applicant Authority Type::	Inventor
Primary Citizenship Country::	Japanese
Status::	Full Capacity
Given Name::	Takayuki
Middle Name::	
Family Name::	Matsunaga
Name Suffix::	
City of Residence::	Tokyo
State or Province of Residence::	
Country of Residence::	Japan
Street of mailing address::	c/o NAVITIME JAPAN CO., LTD., 4, Kanda Jinbocho 2-chome, Chiyoda-ku
City of mailing address::	Tokyo
State or Province of mailing address::	
Country of mailing address::	Japan
Postal or Zip Code of mailing address::	101-0051
Applicant Authority Type::	Inventor

Primary Citizenship Country::	Japanese
Status::	Full Capacity
Given Name::	Yusuke
Middle Name::	
Family Name::	Suzuki
Name Suffix::	
City of Residence::	Tokyo
State or Province of Residence::	
Country of Residence::	Japan
Street of mailing address::	c/o NAVITIME JAPAN CO., LTD., 4, Kanda Jinbocho 2-chome, Chiyoda-ku
City of mailing address::	Tokyo
State or Province of mailing address::	
Country of mailing address::	Japan
Postal or Zip Code of mailing address::	101-0051
Applicant Authority Type::	Inventor
Primary Citizenship Country::	Japanese
Status::	Full Capacity
Given Name::	Shin
Middle Name::	
Family Name::	Kikuchi
Name Suffix::	
City of Residence::	Tokyo
State or Province of Residence::	
Country of Residence::	Japan
Street of mailing address::	c/o NAVITIME JAPAN CO., LTD., 4, Kanda Jinbocho 2-chome, Chiyoda-ku
City of mailing address::	Tokyo
State or Province of mailing address::	
Country of mailing address::	Japan
Postal or Zip Code of mailing address::	101-0051

**Correspondence Information**

Correspondence Customer Number:: 23117

**Representative Information**

Representative Customer Number:: 23117

**Domestic Priority Information**

Application:: Continuity Type:: Parent Application:: Parent Filing Date::  
This application

**Foreign Priority Information**

Country::	Application Number::	Filing Date:: DAY/MONTH/YEAR	Priority Claimed::
JP	2003-112470	17 April 2003	Yes
JP	2003-355856	16 October 2003	Yes
	PCT/JP2004/005367	15 April 2004	Yes

**Assignee Information**

Assignee Name:: NAVITIME JAPAN CO., LTD.  
Street of mailing address:: 4, Kanda Jinbocho 2-chome,  
Chiyoda-ku  
City of mailing address: Tokyo  
State or Province of mailing  
address::  
Country of mailing address:: Japan  
Postal or Zip Code of mailing 101-0051  
Address::